



Replacement Sheet

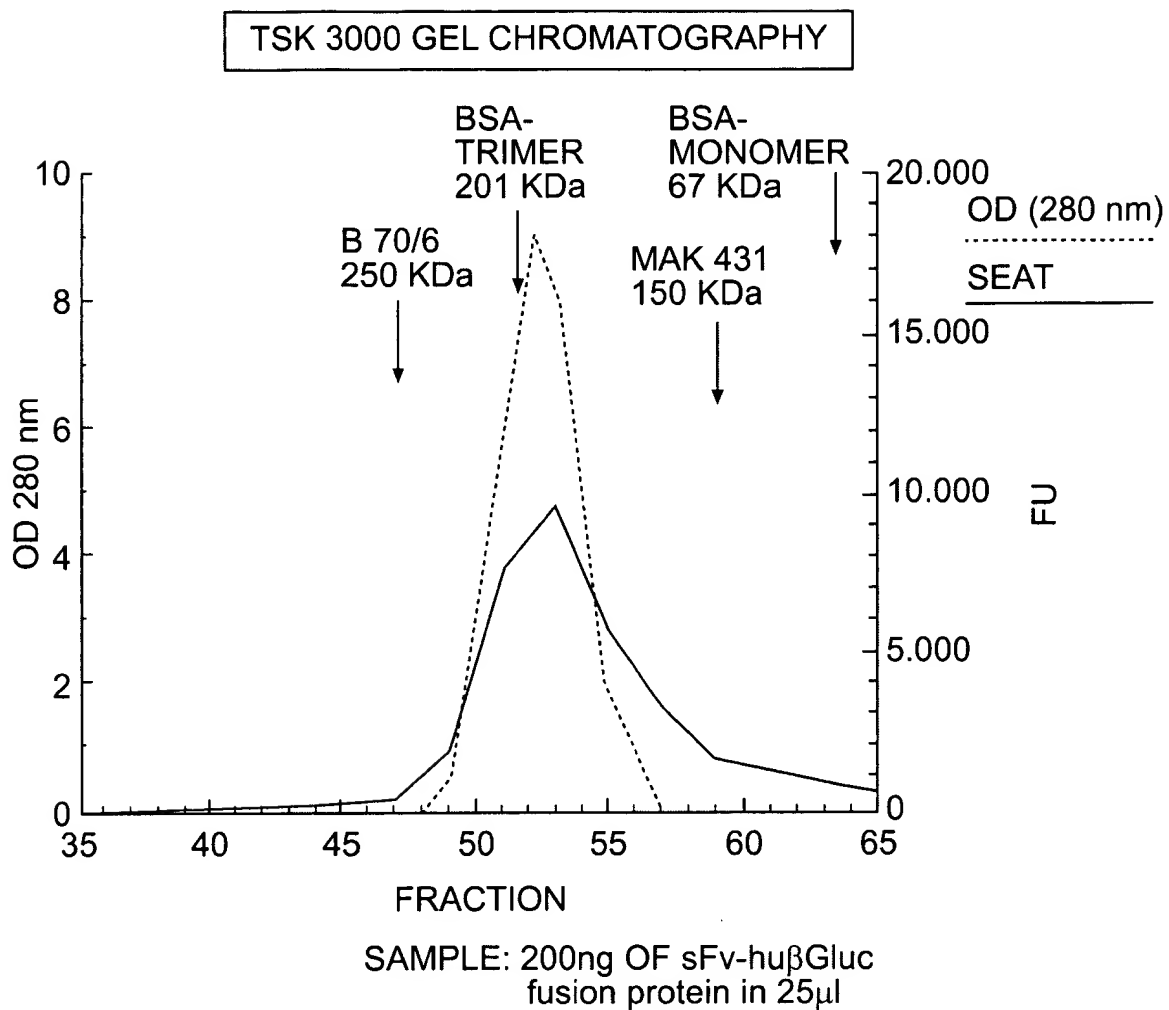


FIG. 1

Replacement Sheet

pAB-Back:

5' ACC AGA AGC TTA TGA ATA TGC AAA TC 3' (SEQ ID NO:3)

Linker-Anti:

5' GCC ACC CGA CCC ACC ACC GCC CGA TCC ACC GCC TCC TGA
GGA GAC GGT GAC CGT GGT C 3' (SEQ ID NO:4)

Linker-Sense:

5' GGT GGA TCG GGC GGT GGT GGG TCG GGT GGC GGC GGA TCT
GAC ATC CAG CTG ACC CAG AGC 3' (SEQ ID NO:5)

V_{L(Mut)}-For:

5' TGC AGG ATC CAA CTG AGG AAG CAA AGT TTA AAT TCT ACT
CAC CTT TGA TC 3' (SEQ ID NO:6)

FIG. 2

Replacement Sheet

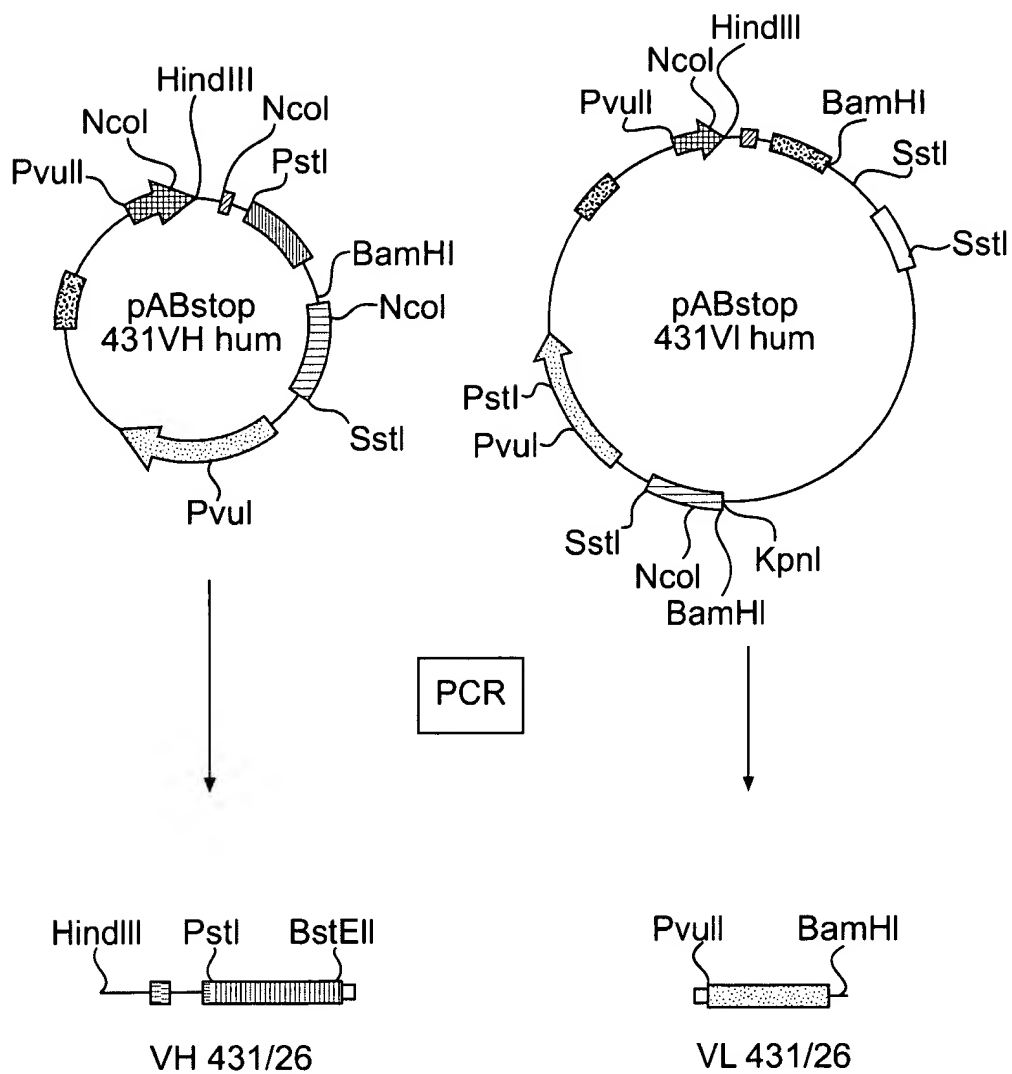


FIG. 3

Replacement Sheet

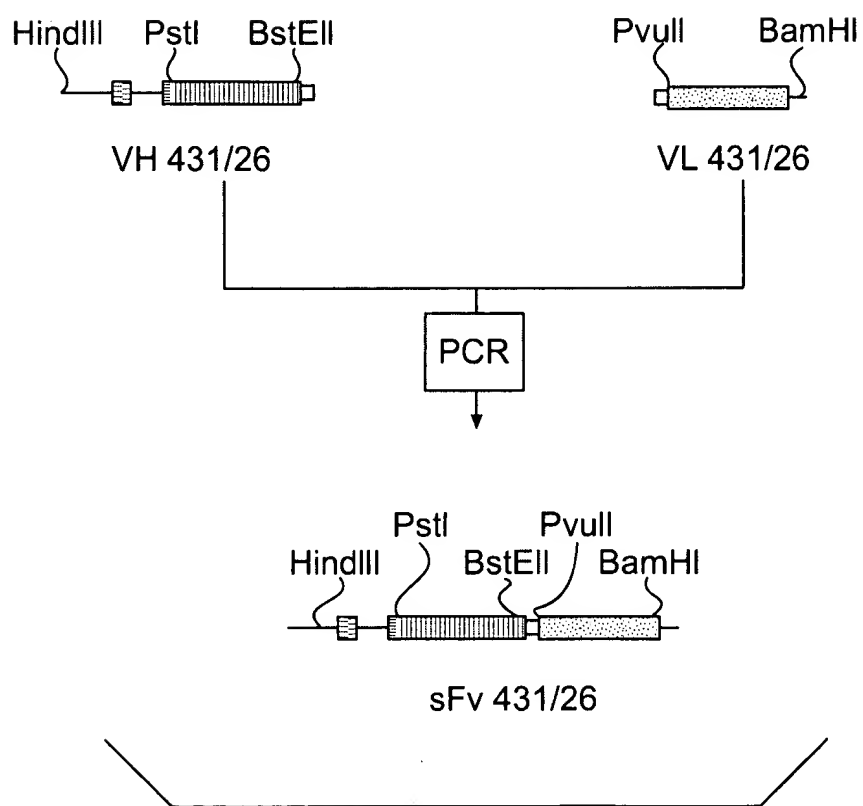


FIG. 4

Replacement Sheet

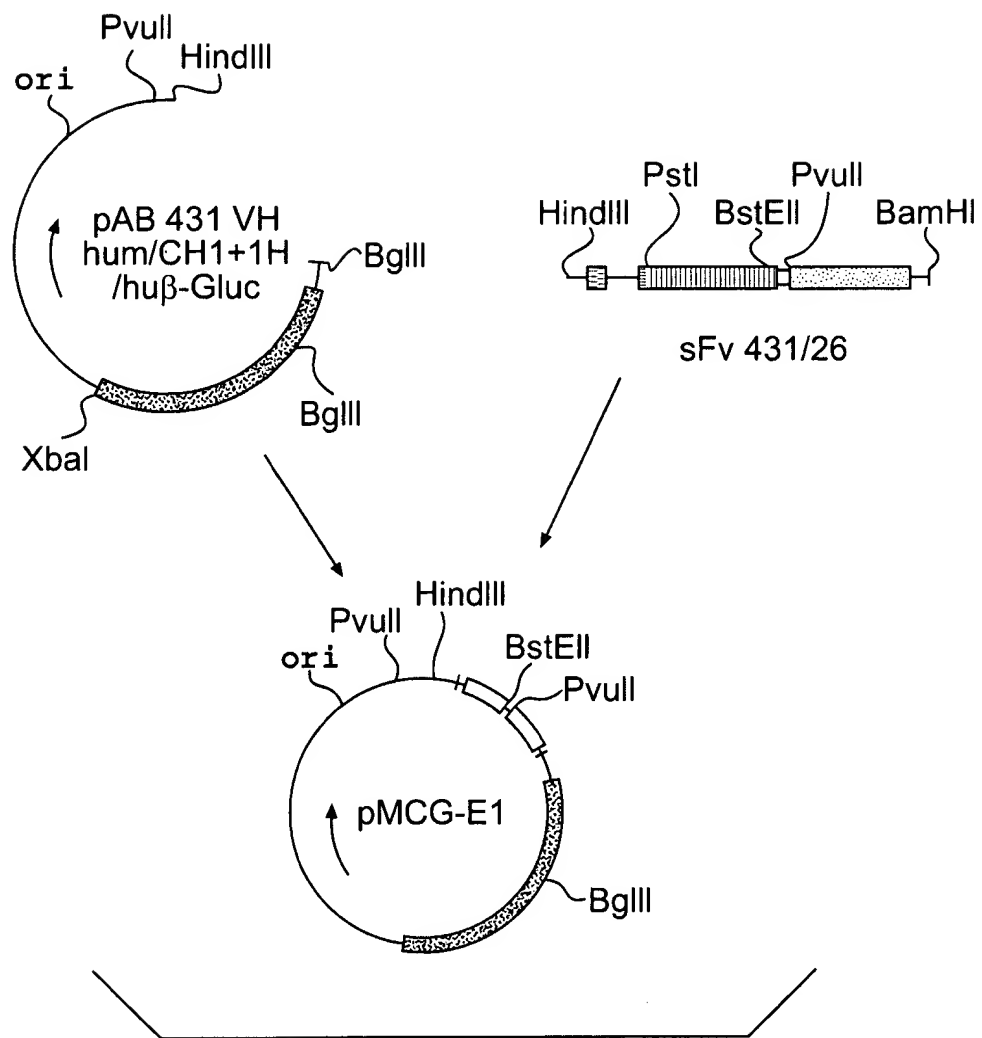


FIG. 5

Replacement Sheet

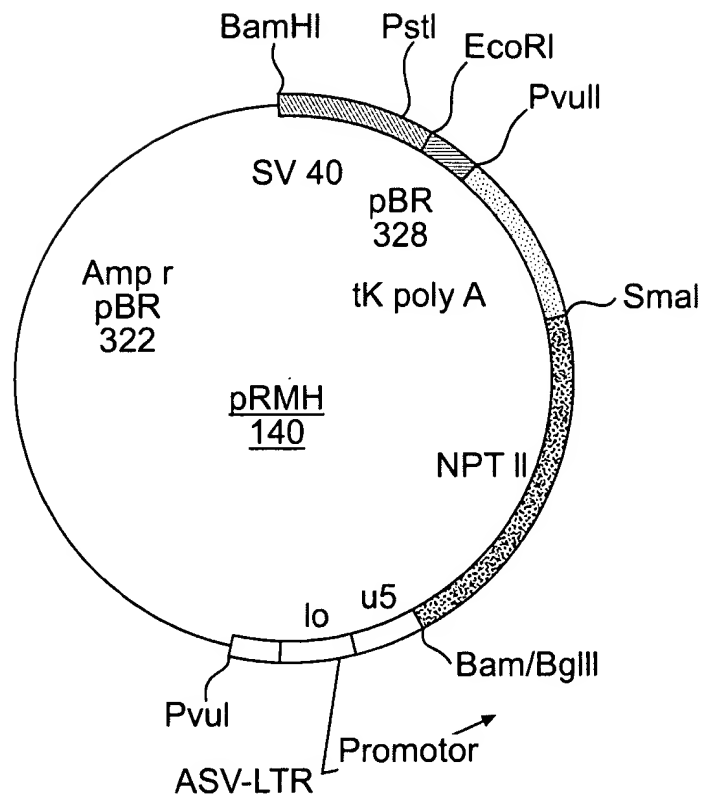


FIG. 6

Replacement Sheet

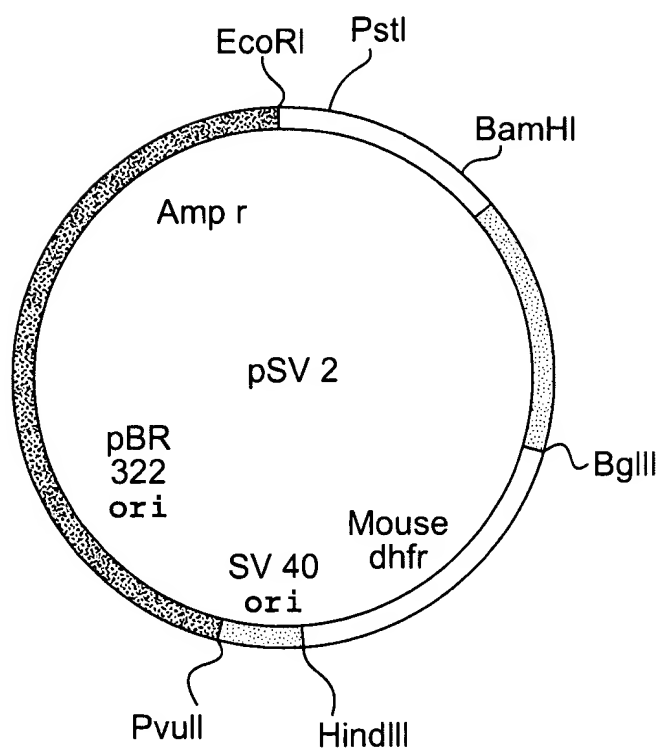


FIG. 7

Replacement Sheet

Oligos for sFv 431/26 cloning in pUC19

sFv for (2561)

5' TTT TTA AGC TTA GAT CTC CAC CTT GGT C 3'
(SEQ ID NO:7)

sFv back (2577)

5' AAA AAT CTA GAA TGC AGG TCC AAC TGC AGG
AGA G 3' (SEQ ID NO:8)

Oligos for hum.β-Gluc cloning in sFv pUC19

Hum.β-Gluc. back oligo (2562)

5' AAA AAA GTC ATC AAA GCG TCT GGC GGG CCA CAG
GGC GGG ATC CTG TAC 3' (SEQ ID NO:9)

Hum.β-Gluc. for oligo (2540)

5' TTT TAA GCT TCA AGT AAA CGG GCT GTT 3'
(SEQ ID NO:10)

Oligos for sFv/hum-β-Gluc cloning in sFv pIXY120

PCR oligo VHpIXY (2587)

5' TTT TGG TAC CTT TGG ATA AAA GAC AGG TCC AAC TGC AGG
AGA G 3' (SEQ ID NO:11)

PCR oligo VKpIXY FOR (2627)

5' A AAA CCA TGG GAA TTC AAG CTT CGA GCT GGT ACT ACA
GGT 3' (SEQ ID NO:12)

FIG. 8

Replacement Sheet

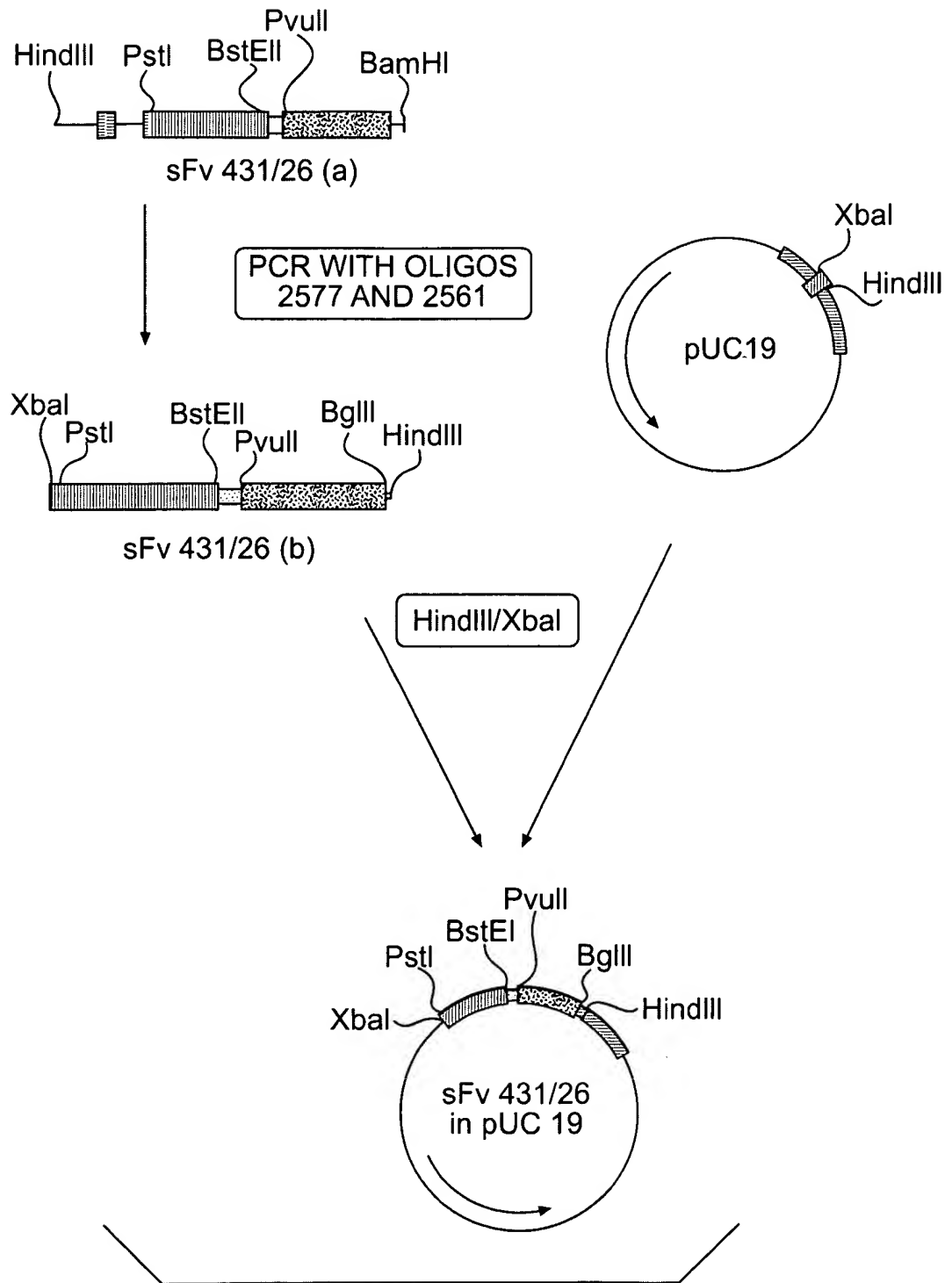


FIG. 9

Replacement Sheet

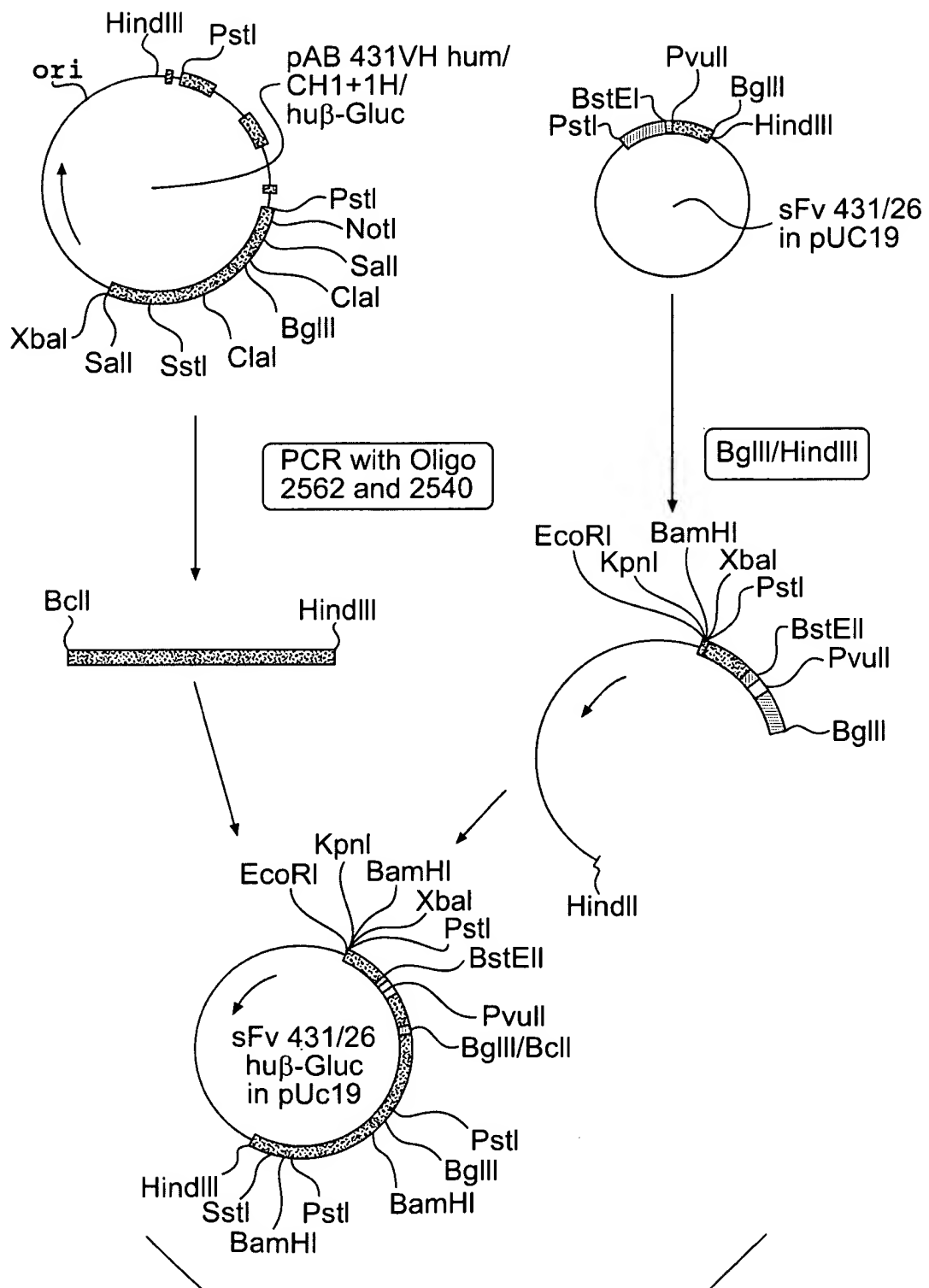


FIG. 10

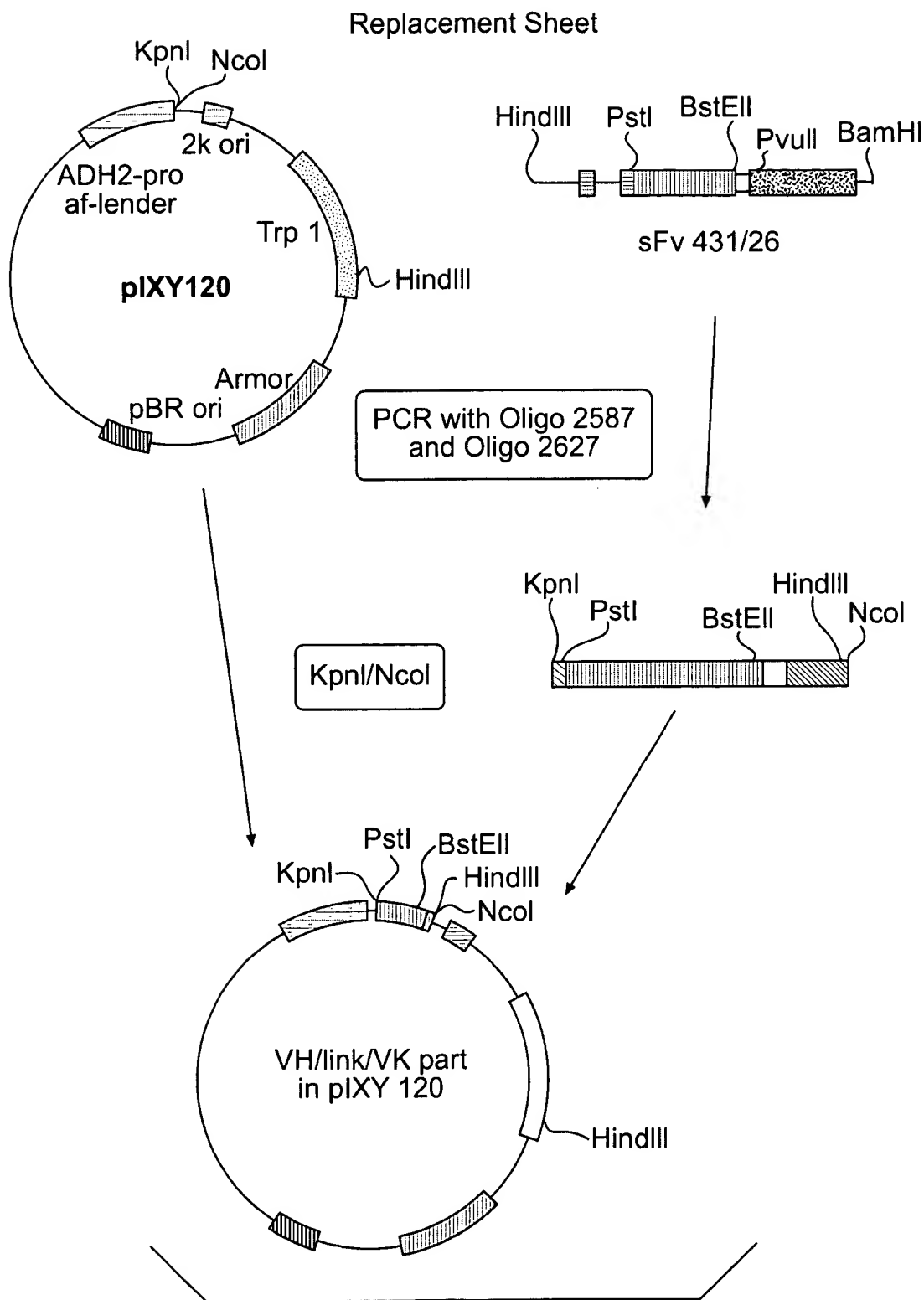


FIG. 11

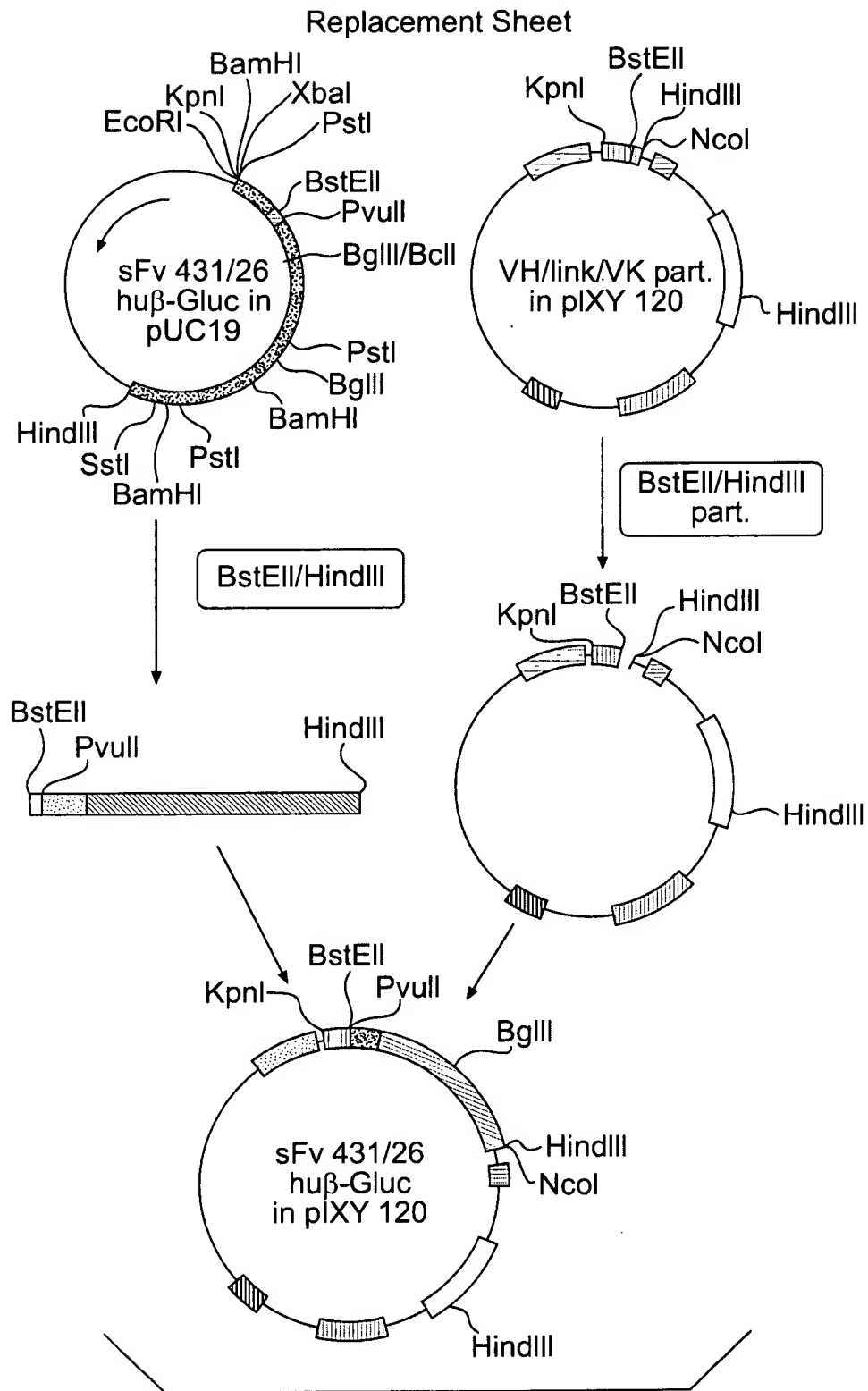


FIG. 12

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OLIGOS FOR *E.coli* β -Gluc CLONING IN sFv pUC19

E.coli β -Gluc. FOR (2639)

5' TTT TAA GCT TCC ATG GCG GCC GCT CAT TGT TTG
CCT CCC TGC TG 3' (SEQ ID NO:13)

E.coli β -Gluc. BACK (2638)

5' AAA AAG ATC TCC GCG TCT GGC GGG CCA CAG TTA
CGT GTA GAA ACC CCA 3' (SEQ ID NO:14)

FIG. 13

Replacement Sheet

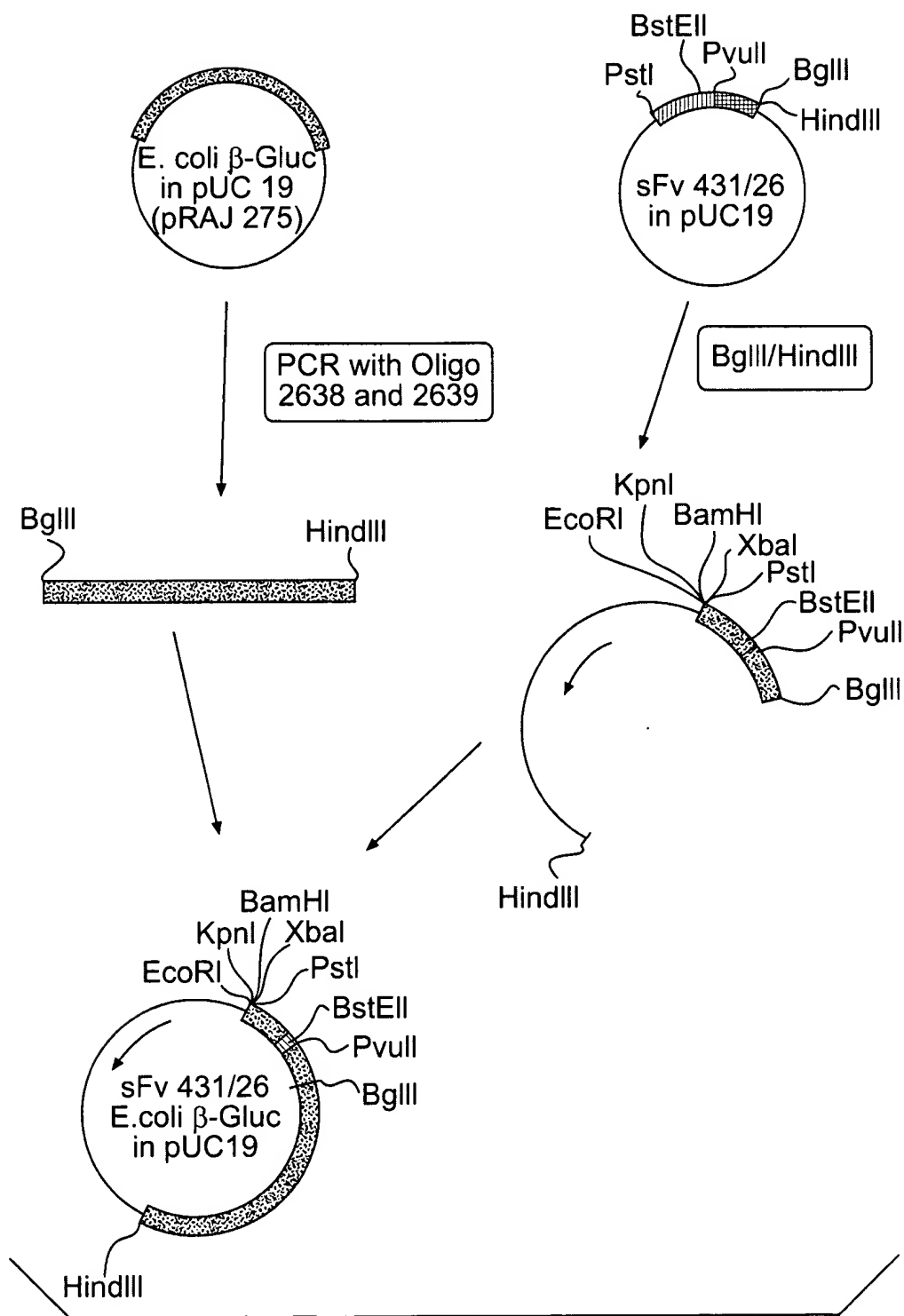


FIG. 14

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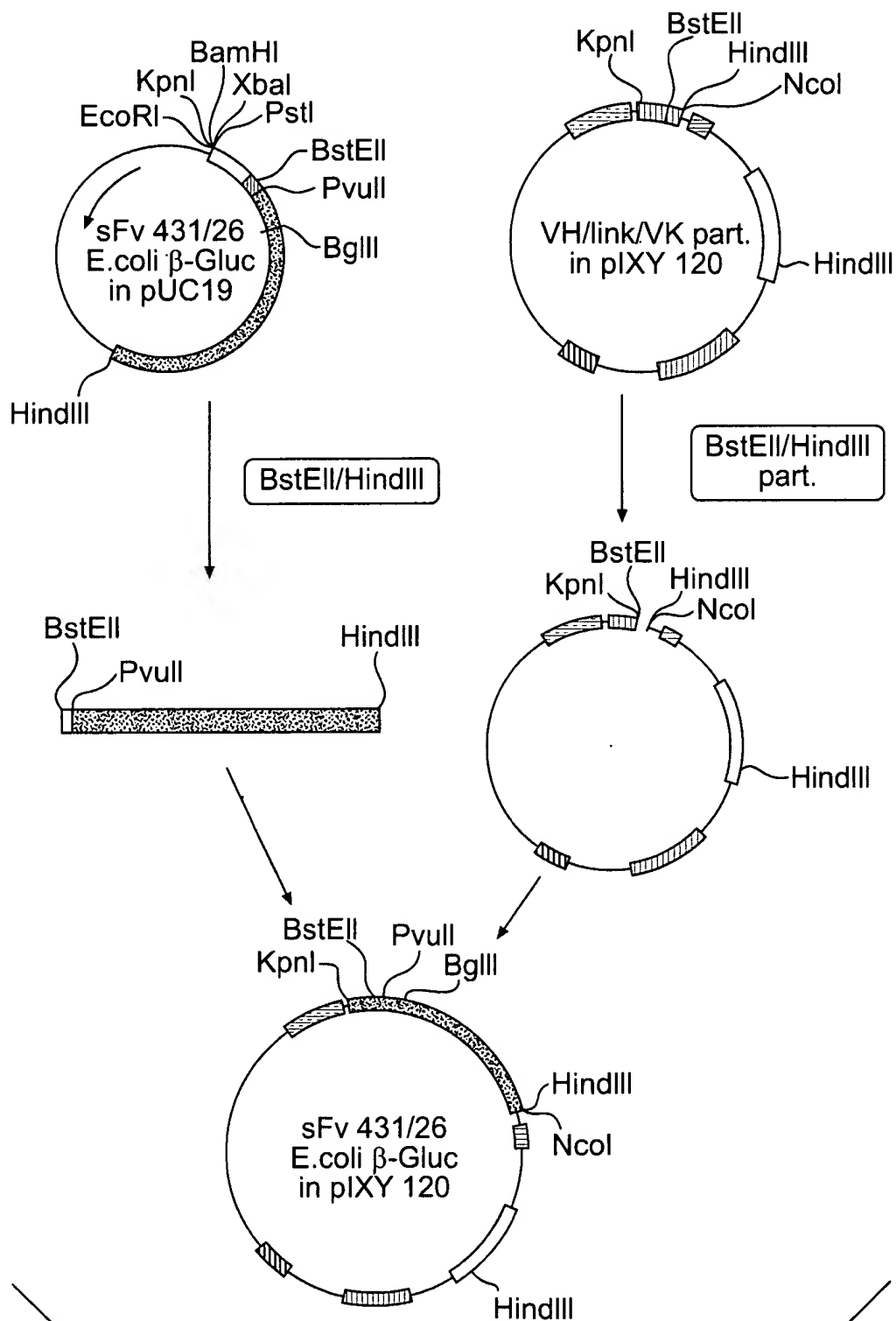


FIG. 15

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Oligos FOR sFv/ β -lactamase CLONING IN pIXY120

PCR oligo VHpIXY BACK (2587)

5' TTT TGG TAC CTT TGG ATA AAA GAC AGG TCC AAC TGC AGG
AGA G 3' (SEQ ID NO:15)

PCR oligo VKpIXY/ β -lactamase for (2669)

5' AAA AAG CTT AGA TCT CCA GCT TGG TCC C 3'
(SEQ ID NO:16)

PCR oligo link/ β -lactamase back (2673)

5' AAA GAA TTC TGA TCA AAT CCT CGA GCT CAG GTT CAC
AAA AGG TAG AGA AAA CAG T 3' linker (SEQ ID NO:17)

PCR oligo β -lactamase for (2674)

5' TTT AAG CTT ATT TTA ATA AAT CCA ATG T 3'
(SEQ ID NO:18)

FIG. 16

Replacement Sheet

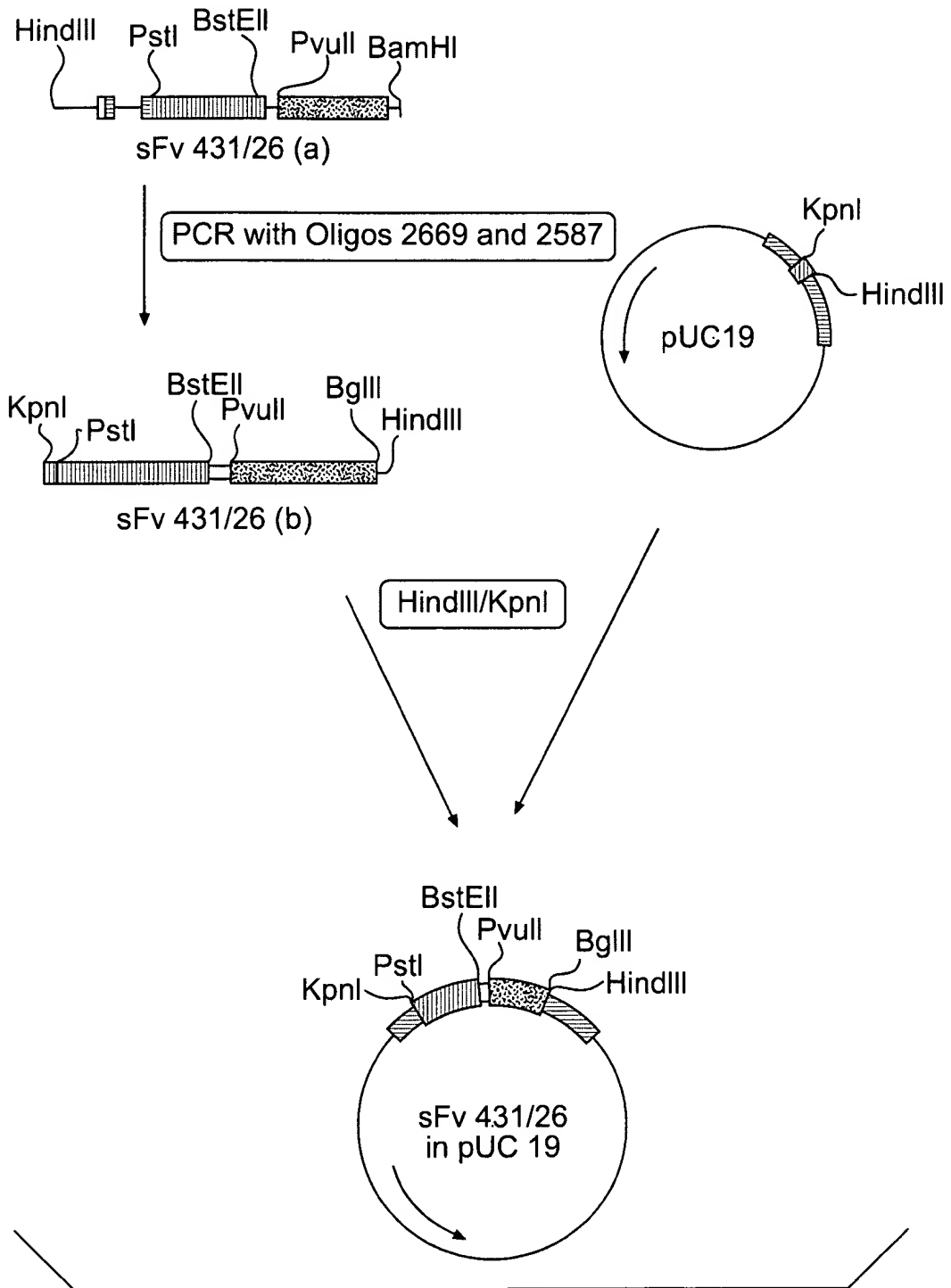


FIG. 17

Replacement Sheet

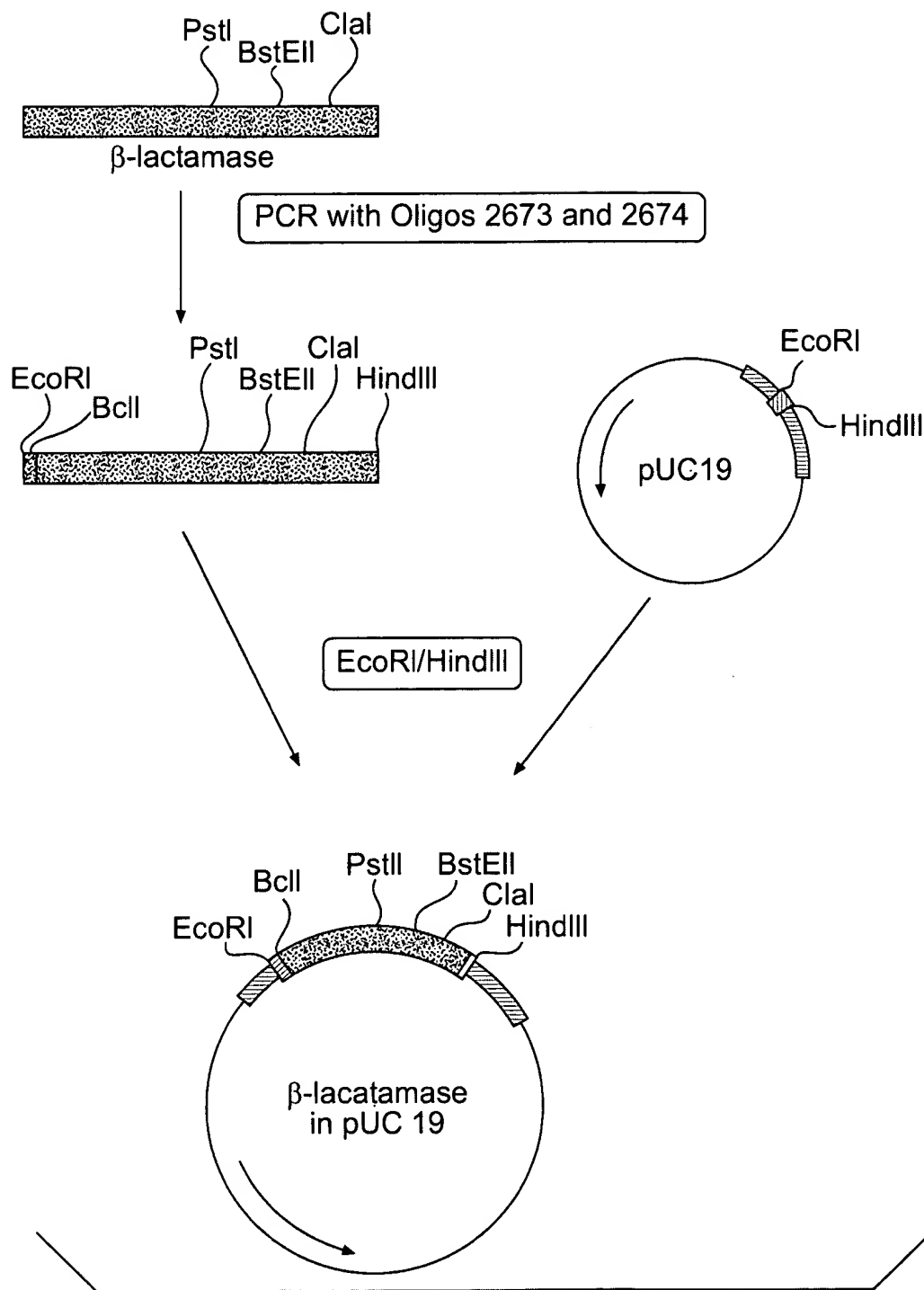


FIG. 18

Replacement Sheet

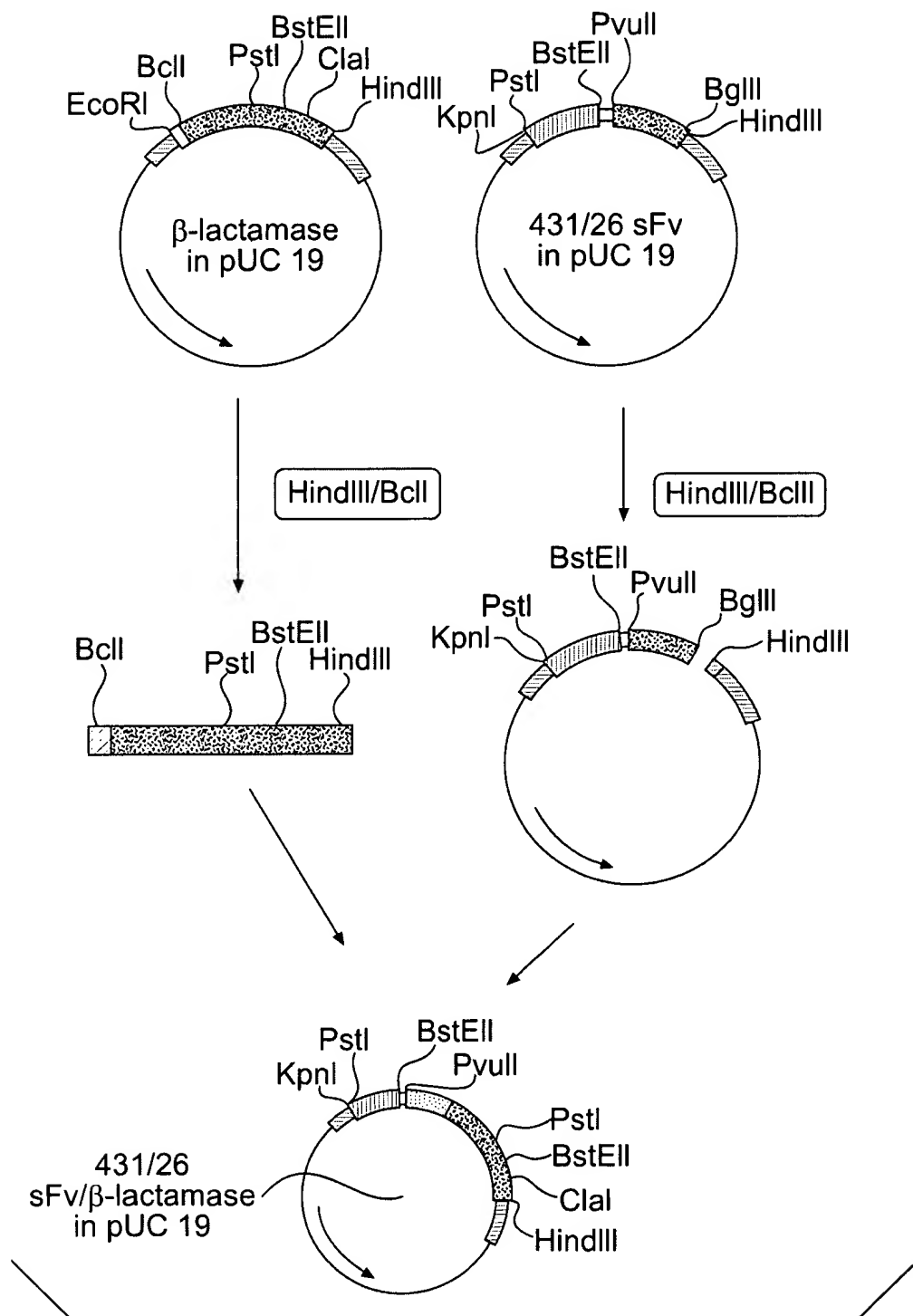


FIG. 19

Replacement Sheet

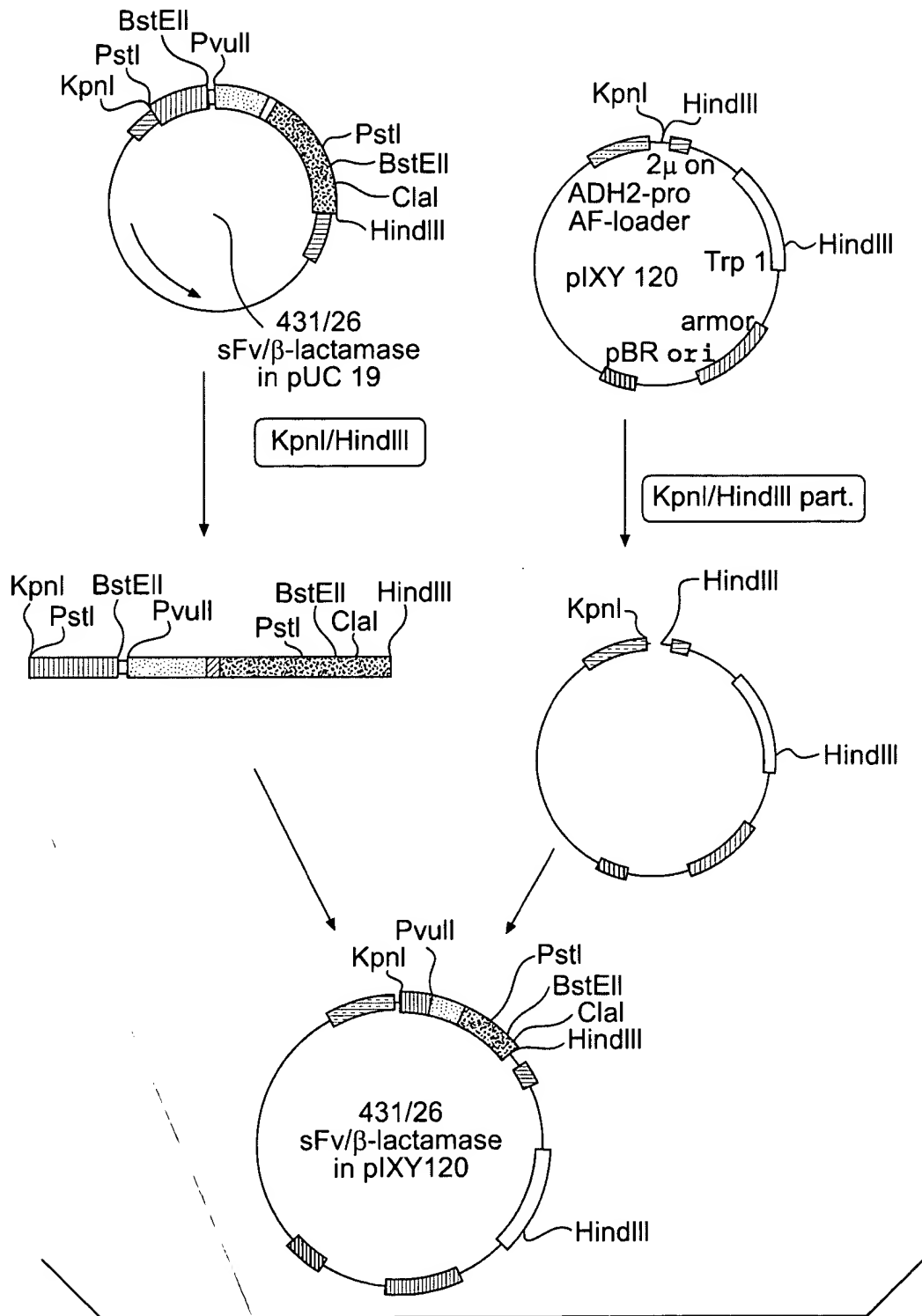


FIG. 20